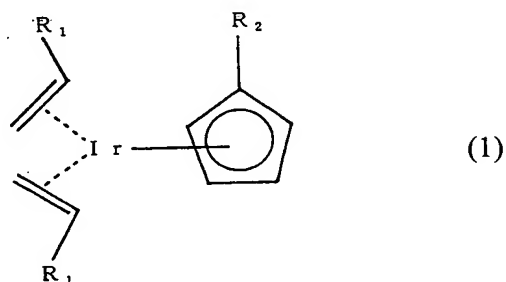


## AMENDMENTS TO THE CLAIMS

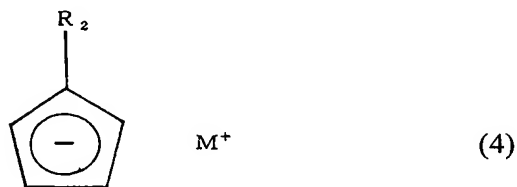
1. (Original) An organometallic iridium compound represented by the following general formula (1):



wherein R<sub>1</sub> represents hydrogen atom or a lower alkyl group; and R<sub>2</sub> represents a lower alkyl group.

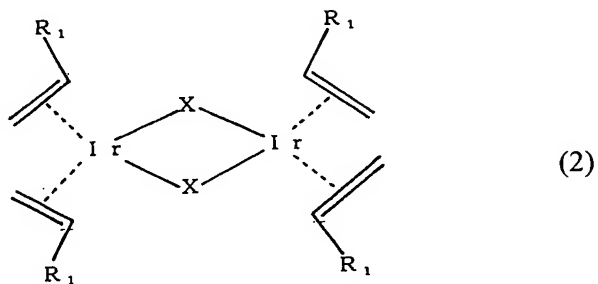
2. (Original) The organometallic iridium compound as claimed in claim 1, wherein R<sub>1</sub> is hydrogen atom.

3. (Original) A process for producing the organometallic iridium compound as claimed in claim 1 or 2, which comprises reacting a compound represented by the following general formula (4):

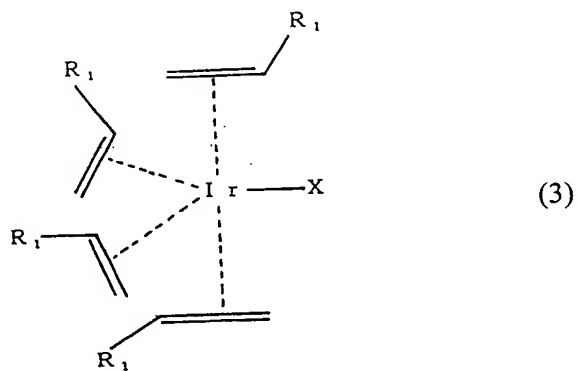


wherein R<sub>2</sub> represents a lower alkyl group, and M represents an alkali metal

with a compound represented by the following general formula (2) or a compound represented by following general formula (3):



wherein  $R_1$  represents hydrogen atom or a lower alkyl group, and X represents a halogen atom,



wherein  $R_1$  and X are the same as defined above.

4. (Original) The process as claimed in claim 3, wherein  $R_1$  is hydrogen atom.
5. (Currently Amended) A process for preparing iridium-based~~iridium-containing~~ films, which comprises using, as a precursor, the organometallic iridium compound as claimed in claim 1 or 2.

6. (Original) The process as claimed in claim 5, wherein  $R_1$  is hydrogen atom.